

**AMENDMENTS TO THE CLAIMS:**

This listing of claims will replace all prior versions, and listings, of claims in the application:

**LISTING OF CLAIMS:**

Claims 1-15 (cancelled)

16. (currently amended) A meat product, consisting of in vitro produced animal cells in a three dimensional form ~~i.e.~~ comprising multiple cell layers of animal cells in three dimensions, said meat product being free of fat, tendon, bone and gristle, wherein said cells being selected from muscle cells, stem cells or somite cells, and wherein the product is suitable for at least one of human and animal consumption.

17. (currently amended) A meat product, produced by the derivable from a process according to the claim 1, comprising: culturing in vitro produced animal cells in a medium free of hazardous substances for humans on an industrial scale, thereby providing a three dimensional animal muscle tissue, followed by further processing steps of the cell culture to provide a finished food product wherein deboning, removal of offal and/or tendon and/or gristle and/or fat is not required, said meat

product comprises solidified cell tissue, wherein said cells are selected from the group consisting of muscle cells, somite cells and stem cells, and wherein the meat product is suitable for at least one of human and animal consumption.

18. (previously presented) A meat product according to claim 16 free of growth hormones in amounts hazardous for consumption.

19. (currently amended) A meat product according to claim 16 further comprising nutritional additives such as selected from the group consisting of vitamins and minerals to further enhance the nutritional value thereof.

20. (currently amended) A meat product according to claim 16, wherein said meat product is in a solid state and with a texture comparable with that of in vivo derived meat.

21. (currently amended) A meat product according to claim 16 in a form of a selected from fresh, dried, frozen, pre or partially cooked, pickled or smoked as such food, or wherein said meat product is incorporated in a further processed food

product such as selected from the group consisting of soup, stew, sausage, spread, puree e.g. baby food, biscuit, dried granules, tablet, capsule, powder, and other solid or liquid form.

22. (currently amended) A meat product according claim 16 in a unit form [[e.g.]] of at least 50 grams, preferably at least 100 grams.

23. (currently amended) A meat product such as selected from the groups consisting of soup, stew, sausage, spread, puree e.g. baby food, biscuit dried granules, tablet, capsule, powder or and other solid or liquid form, wherein said meat product comprises comprising the food product according to claim [[15]] 16 as an ingredient.